

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-40. (Cancelled)

41. (New) An image processing apparatus for use with a printed substrate on a moving web, the image processing apparatus comprising:
a first imaging device configured to receive a light reflected from a printed image on the moving web; and
a first light blocker including a first slit;
wherein the first light blocker is positioned outside of the first imaging device and between the first imaging device and the printed substrate.

42. (New) The image processing apparatus of claim 41, further including a lens and wherein the first light blocker is further positioned between the lens and the printed substrate.

43. (New) The image processing apparatus of claim 41, further comprising a second light blocker with a second slit, the second light blocker positioned outside of the first imaging device and between the first imaging device and the printed substrate.

44. (New) The image processing apparatus of claim 41, further comprising a second imaging device configured to receive the light reflected from the printed image on the moving web.

45. (New) The image processing apparatus of claim 44, wherein the first imaging device is configured to process spatial information from the light reflected from the printed image.

46. (New) The image processing apparatus of claim 45, wherein the second imaging device is configured to process color information from the light reflected from the printed image.

47. (New) The image processing apparatus of claim 46, wherein spatial information from the first imaging device is used to register the second imaging device, and wherein spectral information from the second imaging device is used to calibrate the first imaging device.

48. (New) The image processing apparatus of claim 41, wherein the light received by the first imaging device is reflected from a colorbar portion of the printed substrate.

49. (New) The image processing apparatus of claim 41, further comprising one of a diffraction grating or a prism and wherein the light reflected from the printed image on the moving web is passed thorough at least one of the diffraction grating or the prism to the first imaging device.

50. (New) An image processing apparatus for use with a printed substrate on a moving web, the image processing apparatus comprising:
a lens configured to emit a first image and a second image of the printed substrate;
a first light blocker including a first slit;
a first imaging device configured to receive the first image and configured to process spatial information from the first image; and
a second imaging device configured to receive the second image and configured to process color information from the second image.

51. (New) The image processing apparatus of claim 50, wherein the first light blocker is positioned outside of the first imaging device and between the first imaging device and the printed substrate.

52. (New) The image processing apparatus of claim 50, wherein the first image and the second image are substantially identical.

53. (New) The image processing apparatus of claim 50, wherein the first imaging device comprises a monochrome sensor.

54. (New) The image processing apparatus of claim 50, wherein the second imaging device comprises a line-scan sensor.

55. (New) The image processing apparatus of claim 50, wherein the second imaging device is configured to have a higher spectral resolution than the first imaging device.

56. (New) The image processing apparatus of claim 55, wherein the first imaging device is configured to be calibrated based on spectral information from the second imaging device.

57. (New) The image processing apparatus of claim 50, wherein the first imaging device is configured to be calibrated based on spectral information from the second imaging device.